

SHARLENA LUYEN

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EXPERIENCE

Senior Software Engineer

Freelance

📅 2020 – 2021

📍 Remote

- Directly managed team of 4 developers, working with several teams to ultimately improve build time & performance. Mentored members, created efficient prioritization, oversaw product manager tasks, & ensured quality of released products to finish a 6 month project in 5 months
- Designed, implemented, launched, applications to remove unused dependencies, conduct A/B testing, & develop data visualization of build bottlenecks. Services across organization consistently achieved 20% improvement in build time
- Created a centralized, virtual communication system to provide accurate, readable up-to-date progress to enhance overall productivity among 10+ teams of 100+ members

Python SQL JavaScript React

Software Engineer

FedEx

📅 2019 – 2020

📍 Memphis, Tennessee

- Designed, implemented, & centralized Renewal Hub from scratch which expanded access to renewal data to 150k+ employees, enabling developers to publish essential products/functionalities globally to user base of 500k+ employees
- Led to consistent, uniform understanding of data and how to implement Renewal. Provided one location for resources & sharing platform for all employees. Decreased projected timeline of full immersion by 6 months for FedEx Services
- Won Customer Focus Award of the year by developing an admin upload portal with mobile functionality, enabling non-developers to easily update & contribute to the Hub

HTML/CSS SQL JavaScript Jenkins Docker

Backend Developer

Elixir Labs

📅 2017 – 2019

📍 Remote

- Non-profit dedicated to developing technologies for third world NGOs; team members based around the globe, worked virtually/remotely
- **Pangea Network:** Built banking records system with SMS capability to enable women entrepreneurs to borrow loans

C++ C Java

SKILLS

Programming Languages: C++ C Java Python
SQL git HTML/CSS JavaScript PHP bash AWS
React Jenkins Docker YAML Haskell

Languages: Vietnamese, Spanish

Other: Photography, ukelele, scuba diving, baking ice cream cakes!

PROJECTS

Grace Hopper Scholarship Founder

- Founded annual scholarship to fully fund students (7 in 2018; 10 in 2019; 15 in 2020) to attend GHC; hosted professional development, mock interviews, networking, and public speaking workshops in preparation

Experiential Research Lead

- Founded & led team to receive \$100k grant, create, & implement curriculum with Scratch/Python/JS for K-12 to establish mobile & static hands-on robotics programming classes to improve instructor effectiveness

Court Appointed Special Advocate (current)

- Served as a court advocate for foster children throughout Benton & Multnomah Counties. Wrote court reports advocating for children, appeared in court to advocate, and created close relations with those involved

Citizen's Review Board Member (current)

- Evaluated family court cases in Multnomah county to provide findings & recommendations to presiding judge.

EDUCATION

B.S. in Computer Science

Minor in Math, Education, and Leadership
Oregon State University

📅 2015 – 2019

🎓 GPA: 3.4

AWARDS

- Karena Dokken Award for **Mentorship** by OSU College of Engineering | 2020
- Student **Leadership** Award | 2019
- Scholarship to Grace Hopper - PDX Women in Tech | 2018
- Scholarship to Grace Hopper - OSU | 2018
- Scholarship to AAUW | 2018
- Learning Innovation Grant for **Experiential Research** by College of Engineering | 2018
- Ice Cream Eating Contest @ FedEx | 2018

PUBLIC SPEAKING

- PDX Women in Tech | 2019
- Oregon Game Project Challenge | 2019
- Oregon Women in Higher Education | 2019
- American Assoc. of University Women | 2018
- **TEDx Speaker** | 2014 | video: bit.ly/tedxsharlana